

Title (en)
PUSH-PULL CONNECTOR

Title (de)
PUSH-PULL-VERBINDER

Title (fr)
CONNECTEUR PUSH-PULL

Publication
EP 4372928 A1 20240522 (EN)

Application
EP 22208419 A 20221118

Priority
EP 22208419 A 20221118

Abstract (en)
Push-pull connector (1) comprising a housing, interconnection elements mounted within the housing, an outer casing (4), and a push-pull coupling mechanism comprising a grip sleeve (6) and an elastic latching member (7), the elastic latching member (7) comprising a plurality of latch protrusions (8) on an elastic support, the grip sleeve slidably mounted on the outer casing and configured to bias the plurality of latch protrusions into a disengaged position when the grip sleeve is pulled in an uncoupling direction, the grip sleeve comprising latch receiving orifices (18) receiving therethrough the corresponding latch protrusions (8). The elastic support is in the form of an elastic support ring (9) configured to bias elastically radially the plurality of protrusions (8) mounted on the elastic support ring, and in that the elastic support ring of the elastic latching member is positioned and elastically biased against an inner surface (24) of the grip sleeve (6).

IPC 8 full level
H01R 13/627 (2006.01)

CPC (source: EP)
H01R 13/627 (2013.01)

Citation (search report)
• [X] US 3671922 A 19720620 - ZERLIN WILLIAM MAX ERICH, et al
• [X] EP 3273548 A1 20180124 - YAMAICHI ELECTRONICS DEUTSCHLAND GMBH [DE]
• [A] EP 0050575 A1 19820428 - RADIAL SA [FR]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

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DOCDB simple family (application)
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